

SPECIES: DATA TO FOLLOW  
*Protonotaria nigripes* ♀

STATION NO. 0464

NOV 164 F.

SOSC ACC. NO. 70

Lat. & Long.	Date	Time Caught	Direction Flying	Squid	Ceph. Beaks	Fish	Fish Remains	Crustacea	Other Animals
19° 28' N 162° 11' W	DATA 4 70 Feb. 1964 FOLLOW	1600		REMAINS OF TISSUE WHICH MAY BE SQUID	11	0	EYEBALLS (3)		NEMATODE (11) HALOBATES (9) UNKNOWN (2)

Parasitic Animals: 11 NEMATODES FOUND IN STOMACH DEBRIS.

Notes on Squid: NONE

8 LOTS:

1. STOMACH
2. DEBRIS
3. CEPH. BKS.
4. TISSUE

Notes on Fish: NONE

5. HALOBATES
6. NEMATODES
7. EYEBALLS.
8. UNKNOWN

General Notes: STOMACH LARGE AND VERY THICK WALLED.  
 APPEARED TO HAVE BEEN OPENED BEFORE, BUT NO DEBRIS WAS IN LIQUID.

PACIFIC ORNITHOLOGICAL OCEANOGRAPHIC PROJECT  
 SMITHSONIAN OCEANOGRAPHIC SORTING CENTER - SMITHSONIAN INSTITUTION

4-27-64

Pool 3



Data to follow  
SPECIES: *Sula sula* ♂

STATION NO. 0481

SOSC ACC. NO. 70

Lat. & Long.	Date	Time Caught	Direction Flying	Squid	Ceph. Beaks	Fish	Fish Remains	Crustacea	Other Animals
16°38'N 169°38'W	12 Feb 1964	1742					eyeballs		Nematodes (4)

Parasitic Animals:

Notes on Squid:

Notes on Fish:

General Notes:

The stomach was approximately 5½ to 6" long. It was empty and grey green in color. Nematodes that were found are in good condition.

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4-27-64

POOP 3

4 Lots:  
Stomach  
Nematodes  
eyeballs -  
debris



NOV 1964

F.

SPECIES: ~~DATA TO FOLLOW~~

STATION NO.

0507

*Sterna fuscata* ♀

SOSC ACC. NO.

70

Lat. & Long.	Date	Time Caught	Direction Flying	Squid	Ceph. Beaks	Fish	Fish Remains	Crustacea	Other Animals
22° 52' N	4 July			REMAINS			1 PARTLY		SEED
157° 00' W	1964	1700		○	○		FISH		

Parasitic Animals:

NONE

Notes on Squid: PARTLY DIGESTED REMAINS

Notes on Fish: 1 PARTLY DIGESTED FISH, NO DISTINCTIVE MARKINGS SHOW

General Notes: STOMACH CONTENTS COMPLETELY DIGESTED

SLOTS:

SEED

FISH

SQUID

DEBRIS

STOMACH

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4-27-64

POOP 3



SPECIES: DATA TO FOLLOW

*Fregata minor* ♂

STATION NO.

0508

nor/64 F.

SOSC ACC. NO.

70

Lat. & Long.	Date	Time Caught	Direction Flying	Squid	Ceph. Beaks	Fish	Fish Remains	Crustacea	Other Animals
22°52'N 157°00'W	4 July 4 1964	1700		3	54	1	EYE-BALLS (11)	0	UNKNOWN (1)

Parasitic Animals: TAPE WORMS IN A MASS ATTACHED OUTSIDE STOMACH. AN UNDETERMINED NO. WERE FOUND. 45 SEGMENTS WERE HOWEVER COUNTED

Notes on Squid: 3 SQUID FOUND. 1 IN VERY GOOD CONDITION, THE OTHER 2 ARE PARTLY DIGESTED. ALL ARE ABOUT 5-6 INS. IN LENGTH, AND PINK IN COLOR

Notes on Fish: 1 SMALL PARTLY DIGESTED FISH FOUND WITH SQUIDS. ABOUT 2-3 INS LONG, WITH NO DISTINCT MARKINGS. THE ANTERIOR PART OF THE FISH HAD BEEN DIGESTED AWAY.

General Notes: THE INTESTINES (A SMALL SEGMENT) WERE ALSO EXAMINED AND FOUND TO CONTAIN TAPEWORM, A MASS WAS REMOVED, BUT NO FURTHER EXAMINATION WAS DONE.

LOTS

1. STOMACH
2. DEBRIS
3. SQUID
4. FISH
5. TAPE WORMS
6. UNKNOWN
7. UNKNOWN
8. CEPH. BKS.
9. EYE BALLS

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4-27-64

POOP 3



SPECIES: *Pterodroma externa* ♀

STATION NO. 0514 (200)

SOSC ACC. NO. 77

POOP 4

Lat. & Long.	Date	Time Caught	Direction Flying	Squid	Ceph. Beaks	Fish	Fish Remains	Crustacea	Other Animals
17° 53' N	22 July				68		Bones Scales		
151° 00' W	1964								

Parasitic Animals:

Notes on Squid:

2 lots

Notes on Fish:

General Notes: Stomach discarded; 5 x 1/2 thick walled empty; Crow with ceph. beaks.

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4-27-64

Stroman Dec. 1964



NOR/64 F.

SPECIES: DATA TO FOLLOW

STATION NO. 1841

SOSC ACC. NO. 70 700P3

Lat. & Long.	Date	Time Caught	Direction Flying	Squid	Ceph. Beaks	Fish	Fish Remains	Crustacea	Other Animals
				(1) PARTLY DIGESTED (ASSUMED)	284	0	0		ISOPOD(1) HALORATE (1)

Parasitic Animals: NONE

Notes on Squid: NONE

Notes on Fish: NONE

General Notes: STOMACH CONTENTS GENERALLY WELL DIGESTED.  
STOMACH HAD A HOLE (2IN WIDE) IN IT. MAY HAVE BEEN PREVIOUSLY OPENED

- 6 LOTS:
1. STOMACH
  2. DEBRIS
  3. CEPH. REM.
  4. ISOPOD
  5. HALORATE
  6. CEPH. BKS.

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SPECIES:

STATION NO. *G.W. #1 (no data)*SOSC ACC. NO. *70 POOP3*

Lat. & Long.	Date	Time Caught	Direction Flying	Squid	Ceph. Beaks	Fish	Fish Remains	Crustacea	Other Animals
								<i>Gastropods</i> <i>Forams</i>	

Parasitic Animals:

*9 lab. Stomach*  
*Gastropoda (28)*  
*Forams (12)*

Notes on Squid:

*Bryozoa (2)*  
*Eye balls (1)*  
*Small seeds (11)*

Notes on Fish:

*(5) Heads (Halabates)*  
*Stones*  
*Woody material*

General Notes:

*The stomach was more like a gizzard of a chicken. It contained numerous stones and forams and bryzoa.*

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4-27-64

*Stroman - Dec. 1964*



NO DATA WAS GIVEN  
SPECIES: WITH THE SPECIMEN

STATION NO.

2

Dec/16/64

SOSC ACC. NO.

10 POPP3

Lat. & Long.	Date	Time Caught	Direction Flying	Squid	Ceph. Beaks	Fish	Fish Remains	Crustacea	Other Animals
					1	✓ 0	0	CRUST. FRAG. ARTHROPOD (1) TICK (1)	FORAMS (141) GASTROPOD (56)

Parasitic Animals:

SEED-LIKE ORG. 20

Notes on Squid:

Notes on Fish:

General Notes:

STOMACH OF BIRD WAS NOT FOUND IN CONTENTS  
THE CROP? WAS EXAMINED.

CEPH. BK

10 LOTS

FORAMS  
GASTROPODS  
SEEDS  
CRUST FRAG  
ECHIN.  
DEBRIS  
INTESTINES  
TICK  
ARTHROPOD

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NO INFORMATION WAS RECEIVED WITH  
THE SPECIMAN. ON EXAMINATION OF THE  
SPECIES: JAR CONTENTS, NO STOMACH WAS FOUND, AND  
ONLY DEBRIS WAS EXAMINED

STATION NO. G.W 3

SOSC ACC. NO.

10 POOP 3

Lat. & Long.	Date	Time Caught	Direction Flying	Squid	Ceph. Beaks	Fish	Fish Remains	Crustacea	Other Animals
				O	O	O	O	O	(1) UNKNOWN (2) FRAGMENT OF ANT * SEEDS

Parasitic Animals:

NONE

FORAMS (83)

GASTROPODS (12)

AND PLANT  
LIKE ORG.  
ANT (1)

Notes on Squid:

NONE

\* ~~FEW~~ SEED-LIKE BODIES WERE REMOVED FROM  
THE DEBRIS IN LIQUID.

Notes on Fish:

NONE

LOTS

INTESTINE  
UNKNOWN  
SEED 2  
FRAG. OF ANT  
DEBRIS  
ANT

General Notes:

(NONE)

NO STOMACH WAS RECEIVED. LIQUID WAS EXAMINED  
AND INTESTINES, ETC WERE PLACED IN A NEW CONTAINER  
IN NEW FORMALIN.

FORAMS  
GASTROPOD

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SPECIES:

STATION NO. *G.W. #4 (no data)*

SOSC ACC. NO. *POOP 3*

Lat. & Long.	Date	Time Caught	Direction Flying	Squid	Ceph. Beaks	Fish	Fish Remains	Crustacea	Other Animals

Parasitic Animals:

*3 lots: Stomach  
Small stones  
plants*

Notes on Squid:

Notes on Fish:

General Notes:

*The stomach (gizzard) contained small plants, seeds, and a variety of stones.*

PACIFIC ORNITHOLOGICAL OCEANOGRAPHIC PROJECT  
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4-27-64

*Stomach - 1964*



11

Dec. 15, 1964

B. Lander

Data for Bird Stomachs Collected by Pacific Project,  
Division of Birds, Smithsonian Institution

(Incomplete data on following specimens on file at SOSC)

Specimen Number	Species	Date	Location	Latitude	Longitude
464	<i>Diomedea nigripes</i>	4 Feb 64	Pacific Ocean	19° 58' N	162° 07' W
481	<i>Sula sula</i>	12 Feb 64	" "	16° 38' N	169° 38' W
505	<i>Puffinus pacificus</i>	18 Jun 64	" "	11° 53' N	157° 00' W
506	<i>Sterna fuscata</i>	4 Jul 64	" "	22° 52' N	157° 00' W
507	<i>Puffinus pacificus</i>	4 Jul 64	" "	22° 52' N	157° 00' W
508	<i>Fregata minor</i>	4 Jul 64	" "	22° 52' N	157° 00' W
514	<i>Pterodroma externa</i>	22 Jul 64	" "	17° 50' N	151° 00' W
10204	<i>Sterna fuscata</i>	27 Jun 64	[Eastern Is. Midway]	28° 12.3' N	177° 20' W
10205	<i>Sterna fuscata</i>	27 Jun 64	"	28° 12.3' N	177° 20' W
10206	<i>Phaethon rubricauda</i>	29 Jun 64	"	28° 12.3' N	177° 20' W
10207	<i>Puffinus pacificus</i>	27 Jun 64	"	28° 12.3' N	177° 20' W
10210	<i>Puffinus pacificus</i>	13 Jul 64	Kaohikaipu Island, Oahu, Hawaii	21° 19.5' N	157° 39.5' W
1841	<i>Pluvialis dominica</i>	19 Apr 64	Wake Island	19° 17' N	166° 37' E
GW 1	?	30 Apr 64	[Sand Is., Midway]	28° 12' N	177° 23' W
GW 2	?	30 Apr 64	"	"	"
GW 3	?	30 Apr 64	"	"	"
GW 4	<i>Anas acuta</i>	30 Apr 64	"	"	"



Data for Bird Stomachs Collected by Pacific Project,  
Division of Birds, Smithsonian Institution

(Incomplete data on following specimens on file at SOSOC)

Specimen Number	Species	Date	Location	Latitude	Longitude
464	<i>Diomedea nigripes</i>	4 Feb '64	Pacific Ocean	19°28'N	162°07'W
481	<i>Sula sula</i>	12 Feb '64	Pacific Ocean	16 38'N	169 38'W
505	<i>Puffinus pacificus</i>	18 June 64	Pacific Ocean	11 53'N	157 00'W
506	<i>Sterna fuscata</i>	4 July 64	Pacific Ocean	22 52'N	157 00'W
507	<i>Puffinus pacificus</i>	4 July 64	Pacific Ocean	22 52'N	157 00'W
508	<i>Fregata minor</i>	4 July 64	Pacific Ocean	22 52'N	157 00'W
514	<i>Pterodroma externa</i>	22 July 64	Pacific Ocean	17 50'N	151 00'W
10204	<i>Sterna fuscata</i>	27 June 64	Eastern Island, Midway Atoll	28 12.3'N	177 20'W
10205	<i>Sterna fuscata</i>	27 June 64	Eastern Island, Midway	28 12.3'N	177 20'W
10206	<i>Phaethon rubricauda</i>	29 June 64	Eastern Island, Midway	28 12.3'N	177 20'W
10207	<i>Puffinus pacificus</i>	27 June 64	Eastern Island, Midway	28 12.3'N	177 20'W
10210	<i>Puffinus pacificus</i>	23 July 64	Kaohikaipu Island, Oahu, Hawaii	21 19.5'N	157 39.5'W
1841	<i>Pluvialis dominica</i>	19 Apr '64	Wake Island	19 17'N	166 37'E
GW 1	?	30 Apr '64	Sand Island, Midway	28 12'N	177 23'W
GW 2	?	30 Apr '64	Sand Island, Midway	28 12'N	177 23'W
GW 3	?	30 Apr '64	Sand Island, Midway	28 12'N	177 23'W
GW 4	<i>Anas acuta</i>	30 Apr '64	Sand Island, Midway	28 12'N	177 23'W



SPECIES: ~~Pterodroma ex~~  
DATA TO FOLLOW  
*Puffinus pacificus*

STATION NO. 0506

DEC/64<sup>F</sup>

SOSC ACC. NO. 70

Lat. & Long.	Date	Time Caught	Direction Flying	Squid	Ceph. Beaks	Fish	Fish Remains	Crustacea	Other Animals
22°52'N 157°00'W	4 July 1964			/	92	/	BONES EYEBALLS (1)	2 PARASITIC COPEPODS	/

Parasitic Animals:

2 PARASITIC COPEPODS FOUND IN STOMACH DEBRIS  
(1) IS IN VERY GOOD CONDITION; THE OTHER IS PARTLY  
DIGESTED

Notes on Squid:

Notes on Fish:

General Notes:

6 LOTS  
STOMACH  
CEPH. BKS  
DEBRIS  
EYEBALLS  
COPEPODS  
BONES

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4-27-64

POOP 3